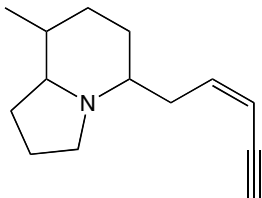


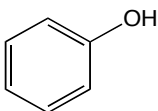
Problem Set 11: Condensed structural formulas and bond-line drawings

1. What are the molecular formulas of the following molecules?

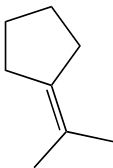
a.



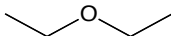
b.



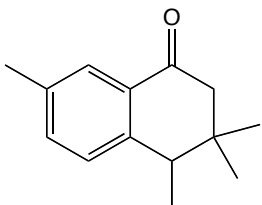
c.



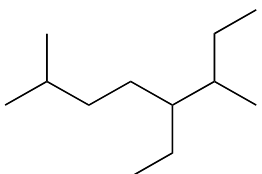
d.



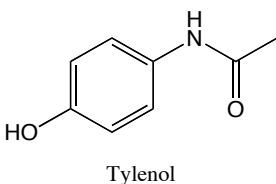
e.



f.

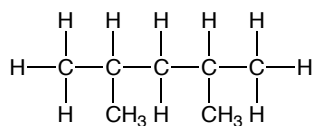


g.

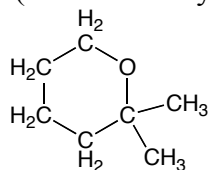


2. Convert the following molecules to condensed structural (molecular) formulas and bond line structures.

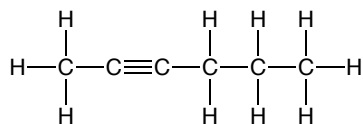
a.



b. (bond-line only)

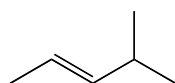


c.

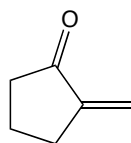


3. Convert the following to the expanded Lewis structure where all atoms, bonds, and lone pairs are drawn.

a.



b.



c.

